User Guide

English

jbl radial™ micro superior loudspeaker dock for iPod

Made for iPod

Important Safety Instructions

Please read the following precautions before use:

- Read instructions. All the safety and operating instructions should be read thoroughly before attempting to operate this audio system.
- Retain instructions for future reference.
- Heed warnings. All warnings on this audio system and in the operating instructions should be adhered to.
- Follow instructions. All operating and use instructions should be followed.
- Do not expose the speakers to liquid or solvent.
- Never remove grille covers in order to service the speaker system. The speaker system does not contain any user-serviceable parts. Refer all servicing to the Harman Consumer Group, Inc., Customer Support Group.
- Do not expose the speaker system to temperature or humidity extremes, direct sunlight, excessive dust or vibrations.
- Place the speaker system on a stable, level surface. Do not drop, apply excessive force to the controls or put heavy objects on top of the unit.
- If cleaning is required, use a soft, dry cloth. If necessary, use a damp cloth without any solvents.
- In order to protect the speaker system, avoid microphone feedback, continuous output from electronic musical instruments or distorted output from any signal source.
- Do not place the speakers close to fluorescent light sources, or neon light fixtures.
- Although the speakers are magnetically shielded, keep magnetic storage media (discs and tapes) at least four inches from the speaker system in order to avoid data loss.
- WARNING: To reduce the risk of fire or electric shock, do not expose this speaker system to rain or moisture.
- TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THIS UNIT. PLEASE CONTACT HARMAN CONSUMER GROUP, INC., CUSTOMER SUPPORT IF THERE IS A PROBLEM WITH YOUR UNIT.

NOTE – USE ONLY JBL-APPROVED POWER SUPPLIES. Using third-party power supplies may damage the unit and void your warranty.

Important Note for All Electronic Products:
Before inserting or unplugging audio cables from the source device's headphones or line-level output jacks, it is good practice to turn off the device first. This will prolong the life of your unit, help protect your device from static electricity and prevent potential damage.

jbl radial™ micro

Introduction

The JBL Radial™ Micro system is a complete docking sound system for your iPod. It sets a new standard for compact high-performance docking speaker systems. Connected to your iPod, MP3 player or other music source, the JBL Radial Micro system will provide clean, powerful sound while also charging your iPod. Take complete control of the music on your iPod with the JBL Radial Micro system. The remote provides complete control of your listening and viewing experience.

Compatibility

The JBL Radial Micro system is compatible with most docking versions of the iPod, including the iPod mini, iPod photo, and iPod video. A stereo mini jack connection also allows you to enjoy high-quality audio from a variety of other devices such as MP3 and CD players, desktop computers (all platforms), satellite radio and laptops.

Easy-to-use music and navigation controls

Music controls – just a press increases or decreases the volume. Navigation controls – browse songs, photos and playlists, change tracks and settings, and more. With the JBL Radial Micro IR remote, you have the same control of your iPod that you would if it were in your hand.

Connection versatility

The JBL Radial Micro system is a multimedia focal point. Listen to your iPod, browse photos or videos, and listen to virtually any other auxiliary audio component – all through the JBL Radial Micro unit.

FCC declaration of conformity statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radio and television interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment to a different outlet so that the equipment and receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by JBL, Inc., could void the user's authority to operate the equipment.

jbl radial™ micro

Additional features

IR remote – the JBL Radial™ Micro IR remote has several modes of operation. Music mode allows you to control the volume, change tracks, fast forward and fast reverse. Navigation mode allows you to navigate menus just as if you were touching the iPod. You can navigate your music, view your slideshows, and find and play your videos.

Evercharge topology– the JBL Radial Micro system charges your iPod whenever you dock the iPod.

Advanced technology

The JBL Radial Micro system combines proprietary technologies to produce astonishing bass and clear, accurate sound from any direction.

Digital amplifier – the JBL Radial Micro unit features a high-powered digital amplifier; this technology provides clean, powerful bass, as well as a clear, accurate midrange and high frequencies.

Odyssey® transducers – the four Odyssey drivers provide accurate high frequencies and are also capable of low-frequency extension of four octaves; this design provides a full, rich frequency response from the lowest bass to the highest highs.

Slipstream port design – the JBL Radial Micro port minimizes boundary-layer separation, providing high-output bass with low distortion.

COE (Computer-Optimized Equalization) – the JBL Radial Micro system equalization is computer-optimized to provide a rich, complete soundstage over a wide range of listening positions.

OCT (Optimized Compression Topology) – the JBL Radial Micro system utilizes a proprietary compression technology to ensure clean, accurate sound at high output levels.

Unpacking

Carefully unpack your JBL Radial Micro system and identify all components:

A) JBL Radial Micro

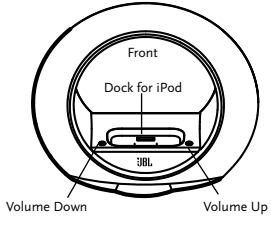
B) Power Supply

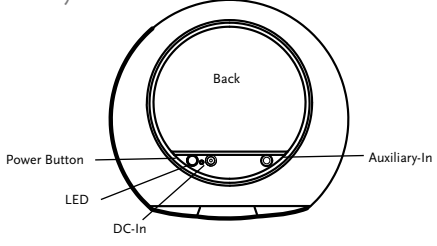
C) IR Remote

D) Adapters for iPod (8)

E) 3.5mm Auxiliary Audio Cable

Getting to know your JBL Radial Micro system

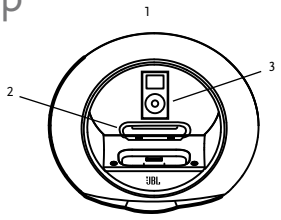


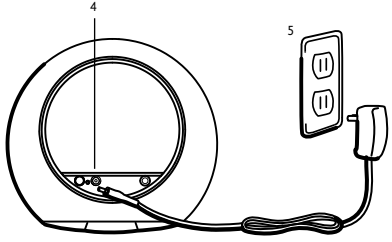


Note: Pressing the Volume Down and Volume Up buttons at the same time will mute the system.

jbl radial™micro general setup

1. Unpack the JBL Radial™ Micro system.
2. Place the appropriate adapter for iPod into the docking station.
3. Place the iPod into the adapter.
4. Connect the power supply into the DC jack.
5. Plug the adapter into the wall outlet.





Listening to music from an iPod

1. Press the “power” button located on the back of the JBL Radial Micro unit to turn the unit on. A green LED will indicate that the unit is on.
2. Select and play music using the controls on your iPod or send commands to your iPod with the remote.
3. Adjust volume using the “+” and “–” volume buttons located on the front of the unit or on the remote.

Listening to music from an auxiliary device

1. Connect the auxiliary device into the auxiliary-in jack using the supplied 3.5mm auxiliary cable.
2. Press the “power” button located on the back of the JBL Radial Micro unit to turn the unit on.
3. Control music playback through your device.
4. Adjust volume using the “+” and “–” volume buttons located on the front of the unit or on the remote.

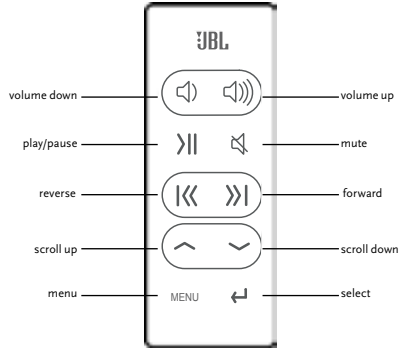
Charging your iPod

1. Make sure your iPod is securely docked in the JBL Radial Micro unit, using the correct adapter.
2. Make sure the JBL Radial Micro system is connected to a live electrical outlet.

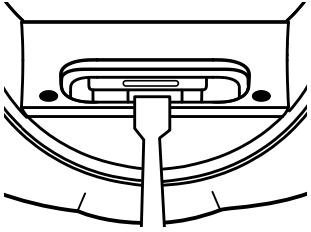
Note: The JBL Radial Micro system will not charge other devices.

Remote functionality

Volume Up/Down and Mute will work with all devices. Other functions work only when an iPod is docked.



Before proceeding, make sure the iPod is securely docked to your JBL Radial™ Micro unit.
Note: The JBL Radial Micro unit must be turned on for remote control to operate your audio device.



Dock adapters

For detailed information regarding selection, installaton and removal of dock adapters, visit www.jbl.com.

To remove an adapter, insert a flat-head screw driver (sold separately) into the slot on the back of the adapter and lift up.

Navigation control mode

Turn iPod on:	Press any button on the remote control to wake the iPod.
Turn iPod off:	Press and hold the Play/Pause button for two seconds.
Bring up iPod menu:	Press the Menu button.
Scroll up:	Press the Scroll Up button.
Scroll down:	Press the Scroll Down button.
Go to previous menu:	Press the Menu button.
Select menu/track/feature:	Press the Select button.

Music control mode

Play a track:	Press the Play/Pause button. Note: If the iPod is at the Main Menu, pressing Play/Pause will cause the iPod to start playing all of its music.
Pause a track:	Press the Play/Pause button while a song is playing.
Skip to next track:	Press the Forward button.
Skip to previous track:	Press the Reverse button.
Fast advance track:	Press and hold the Forward button.
Fast reverse track:	Press and hold the Reverse button.
Increase volume:	Press the Volume Up button.
Decrease volume:	Press the Volume Down button.
Mute:	Press the Mute button.
Go to previous menu:	Press the Menu button.
Select menu/track/feature:	Press the Select button.

Photo/video control mode

Play slideshow/video:	Press the Play/Pause button.
Skip to next photo/video:	Press the Forward button.
Skip to previous photo/video:	Press the Reverse button.
Increase volume:	Press the Volume Up button.
Decrease volume:	Press the Volume Down button.
Mute:	Press the Mute button.

Note: In order to wake or turn on your iPod when docked in the JBL Radial Micro unit, the JBL Radial Micro power button must be on.

Battery replacement

The JBL remote's battery should last a year under normal usage. To replace the battery, release the battery cover on the back of the remote and replace the old battery with a CR2032-type battery or equivalent.

troubleshooting

Symptom	Possible Problem	Solution	Note
Sound Quality			
No sound from system.	No power to unit.	Make sure wall power outlet or power strip has power. Make sure all switches for outlet/ power strip are on and that all switches for the unit are on.	Is the LED on? If the LED is not on, power is not getting to your JBL Radial Micro unit. Try the solutions shown.
Sound comes from only one side/channel.	iPod or auxiliary cable is not seated properly.	Make sure you're using the correct adapter, and that the iPod is seated all the way into the docking station. Make sure the auxiliary cable is seated all the way into the jack. Try resetting the iPod.	If you're using a 3.5mm auxiliary extension cable, make sure it's a stereo cable.
Distortion (static, crackling or hissing sounds).	Noise may be caused by interference from a monitor, cell phone or other transmitting device.	Move the JBL Radial Micro unit away from the devices to see if the distortion is eliminated.	
	Audio source or source material may be the problem.	Test the JBL Radial Micro unit with another source.	Does the distortion occur with specific songs? If so, check the recording or record the source again.
	Volume level may be too high.	Check volume of source.	Some devices will distort the output signal if the volume is set to maximum.
	EQ setting may be too high.	Check the EQ setting on your iPod or source device.	JBL, Inc., recommends that the source-device EQ be set to "Flat" or "Off".

Symptom	Possible Problem	Solution
Sound Quality		
JBL Radial Micro unit emits a loud hum or buzzing noise.	Input cable not plugged in properly.	Check input cable connection.
	Cable may be bad.	Replace cable.
	Ground loop.	Turn the JBL Radial Micro unit off and connect it to another wall outlet.
Charging/Syncing		
iPod will not charge.	No power to unit.	Make sure wall outlet or power strip has power. Make sure all switches for outlet/power strip are on and that all switches for the unit are on.
	Wrong adapter is used.	Make sure that the correct adapter is used for your specific iPod model.
	The iPod is not making full contact with the docking station.	Make sure that the iPod is seated securely into the docking station.

Symptom	Possible Problem	Solution	Note
Remote			
iPod does not respond to remote commands.	The remote's battery power may be low.	Replace battery. Redock the iPod. If problem persists, reset the iPod.	
	Interference from surrounding devices. JBL Radial™ Micro unit is in "off" mode.	Move your JBL Radial Micro unit to another location. Ensure that JBL Radial Micro unit is plugged into wall outlet and unit is turned on.	Possible sources of interference include plasma displays, dimmer-controlled lighting, bright sunlight, and reflective surfaces such as mirrors or blank walls.
Remote only operates at close range.	The remote range is up to 20 feet.	Move the source unit closer to the remote.	
	The remote battery power may be low.	Replace battery.	

This device is susceptible to interference from other appliances plugged into nearby outlets. If you experience interference, JBL, Inc., recommends moving the device or the other appliance to a different outlet.

Technical Specifications

Manufacturer:	JBL, Inc.
Model:	JBL Radial™ Micro
Available in:	White or Black
Requirements:	Main connection – docking connector for iPod; auxiliary connection – 1/8" (3.5mm) mini stereo jack
Drivers:	Four Odyssey® transducers
Power:	2 x 10 Watts @ 10% THD
Frequency Response:	60Hz – 20kHz
Dimensions:	Width: 8" (203mm) Height: 8"(203mm) Depth: 3-1/2" (89mm)
Weight:	1.1 lb (0.5kg)
Input Impedance:	>5k Ohms
Signal-to-Noise Ratio:	>85dB
Power Supply:	Input: 100 – 240V AC, 50Hz/60Hz 0.5A Output: 12V DC, 1.25A

JBL 10-Button Remote	
Transmission:	IR
Frequency:	38kHz
Operating Range:	20 feet
Battery Type:	CR2032 3V
Dimensions:	Width: 1-5/16" (33mm) Height: 3-3/8" (86mm) Depth: 1/4" (6mm)
Weight (including battery):	1.2 oz (0.03kg)

Harman Consumer Group, Inc.
8500 Balboa Boulevard, Northridge, CA 91329 USA
516.255.4525 (USA only)

www.jbl.com

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iPod is a trademark of Apple Inc., registered in the U.S. and other countries. iPod not included. "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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Do not dispose of electrical appliances as unsorted municipal waste; use separate collection facilities.
Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Ne jetez pas les appareils électriques usagés dans les ordures ménagères ; utilisez des installations de collecte sélective.
Sollicitez à votre mairie des informations concernant les systèmes de collecte disponibles. Si des appareils électriques sont éliminés dans des décharges ou des dépotoirs, des substances dangereuses peuvent s'infiltrer dans la nappe phréatique pour entrer dans la chaîne alimentaire, et affecter votre santé et votre bien-être.

Harman International

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